L Number	Hits	Search Text	DB	Time stamp
1	1706	(slic or "line interface" or "loop	USPAT;	2003/07/02 11:23
		intereface").ti.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
2	23	((slic or "line interface" or "loop	USPAT;	2003/07/02 08:36
		intereface").ti.) and ("high impedance" or	US-PGPUB;	
		"high resistance").ab.	EPO; JPO;	
			DERWENT;	1
			IBM_TDB	
3	49	(ring\$3 and (generat\$3 or circuit or	USPAT;	2003/07/02 09:07
		signal\$4)).ti. and (loop and (impedance or	US-PGPUB;	
		resistance)).ab.	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
4	26	((379/372).CCLS.) and ring\$3.ti.	USPAT	2003/07/02 09:07
5	17	((379/372).CCLS.) and (impedance or	USPAT;	2003/07/02 09:07
		resistance).ab.	US-PGPUB;	
		•	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
6	62	((ring\$3 or call\$3).ti.) and ((loop line	USPAT;	2003/07/02 09:17
		feed) adj (resistance impedance)).ab.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
7	0	(((slic or "line interface" or "loop	USPAT;	2003/07/02 12:19
		intereface").ti.) and ("high impedance" or	US-PGPUB;	
		"high resistance").ab.) and ((ring\$3 and	EPO; JPO;	
		(generat\$3 or circuit or signal\$4)).ti. and	DERWENT;	
		(loop and (impedance or resistance)).ab.)	IBM_TDB	·
1		and (((379/372).CCLS.) and ring\$3.ti.) and		
		(((379/372).CCLS.) and (impedance or		
		resistance).ab.) and (((ring\$3 or		1
		call\$3).ti.) and ((loop line feed) adj		
9	27	(resistance impedance)).ab.)	HODAM	2002/07/02 11 22
"	27	(ringing and impulse and noise).ab.	USPAT;	2003/07/02 11:23
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
14	8	4953206.URPN.	IBM_TDB USPAT	2002/07/02 11 56
15	14	4953206.0RPN. ("1277025" "2212927" "2260296"	USPAT	2003/07/02 11:56 2003/07/02 11:48
13	14	"3309633" "3340364" "3535646"	USPAI	2003/07/02 11:48
		"3641357" "3736437" "4178480"		
		"4456985" "4456986" "4546212"		
		"4608686" "4640989").PN.		
	'	1000000 1010000 1.FM.	L	L

27	216	(((((slic or "line interface" or "loop	ÚSPAT;	2003/07/02 11:57
		intereface").ti.) and ("high impedance" or	US-PGPUB;	
		"high resistance").ab.) ((ring\$3 and	EPO; JPO;	
		(generat\$3 or circuit or signal\$4)).ti. and	DERWENT;	
		(loop and (impedance or resistance)).ab.)	IBM_TDB	
		(((379/372).CCLS.) and ring\$3.ti.)	_	
1		(((379/372).CCLS.) and (impedance or		
		resistance).ab.) (((ring\$3 or call\$3).ti.)		
		and ((loop line feed) adj (resistance		
		<pre>impedance)).ab.)) or (((ringing and impulse</pre>		
		and noise).ab.) not ((((slic or "line		
		interface" or "loop intereface").ti.) and		
		("high impedance" or "high resistance").ab.)		
		((ring\$3 and (generat\$3 or circuit or		
		signal\$4)).ti. and (loop and (impedance or		
		resistance)).ab.) (((379/372).CCLS.) and		
		ring\$3.ti.) (((379/372).CCLS.) and		
		(impedance or resistance).ab.) (((ring\$3 or		
		call\$3).ti.) and ((loop line feed) adj		
		(resistance impedance)).ab.)))) or		
		4953206.URPN. or (("1277025" "2212927"		
		"2260296" "3309633" "3340364"		
		"3535646" "3641357" "3736437"		
		"4178480" "4456985" "4456986"		
		"4546212" "4608686" "4640989").PN.)		

L Number	Hits	Search Text	DB	Time stamp
2	49		USPAT;	2003/07/02 15:48
		signal\$4)).ti. and (loop and (impedance or	US-PGPUB;	
		resistance)).ab.	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
3	26		USPAT	2003/07/02 15:48
4	17	(tota) and (timpedance of	USPAT;	2003/07/02 15:48
		resistance).ab.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_		//	IBM_TDB	
5	62	' ' - - - - - -	USPAT;	2003/07/02 15:50
		feed) adj (resistance impedance)).ab.	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
6	8	4953206.URPN.	USPAT	2003/07/02 15:52
7	14	("1277025" "2212927" "2260296"	USPAT	2003/07/02 15:52
·		"3309633" "3340364" "3535646"	OSTAT	2003/07/02 18:00
		"3641357" "3736437" "4178480"		
		"4456985" "4456986" "4546212"		
Ì		"4608686" "4640989").PN.		İ
8	27	(ringing and impulse and noise).ab.	USPAT;	2003/07/02 15:52
			US-PGPUB;	
			EPO; JPO;	
l			DERWENT;	
_			IBM_TDB	
9	9	((ringer "ring send\$3" "ring\$send\$3") and	USPAT;	2003/07/02 15:52
		impulse).ab.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
10	3314	. (270/142 04 02 170 207 00 207 00 252 275 01 29	IBM_TDB	
24	54	(379/142.04,82,179,207.08,207.09,252,375.01,3 (((379/142.04 379/82 379/179 379/207.08 379/20	10.5284,14.13.01	1 42 D 30 A 50 / A 50 A 50 A 50 A 50 A 50 A 50 A
	24	and ("caller id" or "caller	US-PGPUB;	0.02
ŀ		identification")) and switch and ring\$3 and	EPO; JPO;	
		silent	DERWENT;	
			IBM TDB	